

SUNON Distinct Product Series: Great Design, Great Detail

36 YEARS

Innovative
Energy-Saving Motor
Design & Technology

**2400
PATENTS**

Five

Global Reliability
Testing Laboratories

1 000

Sales & Service Sites with
Brand Designation by
International Companies

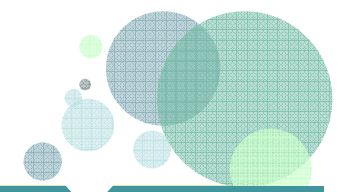
Motor
&
Fan



Fan 8mm-443mm

Ceiling Fan 1500-3000 mm (60"-120")
Fan motor ~7000mm (for HVLS Fan)

SUNON Product Line



MOTOR

- ✓ EC Technology
- ✓ High Performance
- ✓ 0.1W – 1500W

FAN

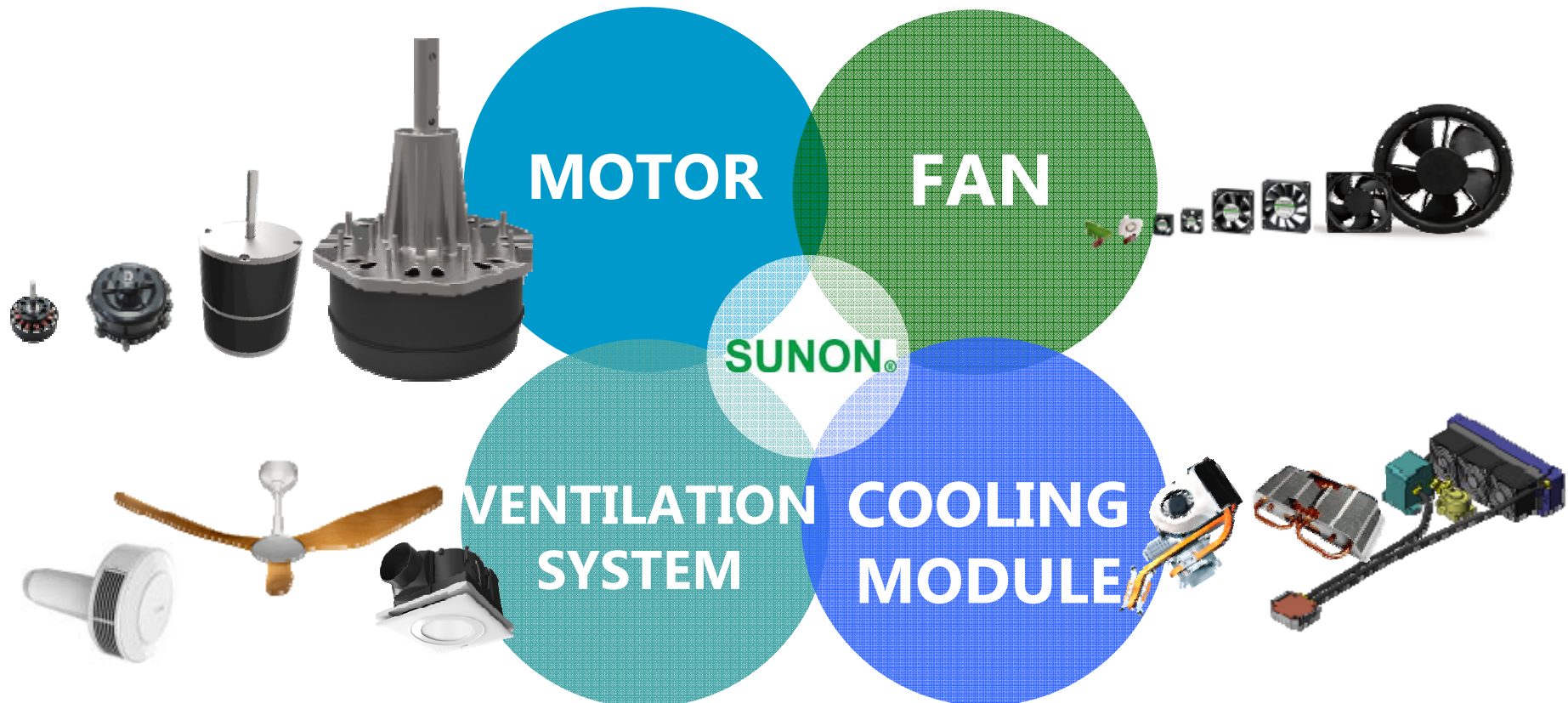
- ✓ Smallest 8 mm
- ✓ Thinnest 2 mm
- ✓ Biggest 443mm

COOLING MODULE

- ✓ Total Thermal Solution
- ✓ Cost Efficiency
- ✓ Design Solutions

VENTILATION SYSTEM

- ✓ Eco Ventilation Solution
- ✓ Energy Efficient
- ✓ Low Energy



Motor

0.1W ~ 1500W

Highly Energy efficient motor



BLDC motor



Drone motor / Impeller

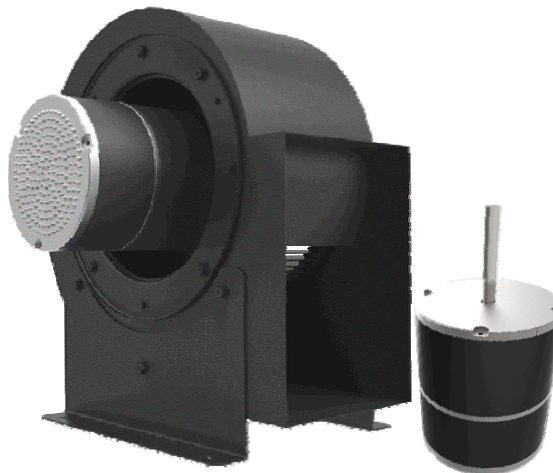


BLDC motor
(for 1M~3M Ceiling Fan)

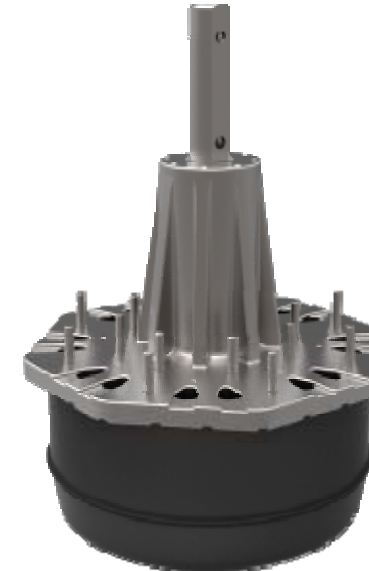
Thinnest
35mm



Home Appliance EC motor
(Refrigeration)



HVACR EC horsepower motor
(1/3HP, 1HP)



HVLS Fan EC motor
(for up to 7M Ceiling Fan)

2HP

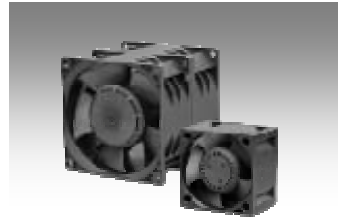
FAN & BLOWER



Fan Size
8mm– 443mm



Fan Tray



DC Axial Fan



DC Blower



AC Axial Fan



Mighty Mini Fan



Water proof Fan



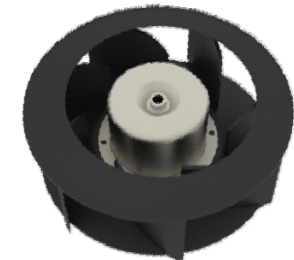
Explosion-proof Fan



EC Axial Fan



EC Blower



EC Centrifugal Fan

Cooling Module

Total thermal solution

Cooling module
(up to 2.5mm)

Active Series



passive Series



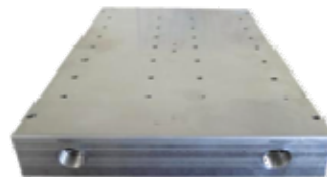
Ultra thin heat pipe
(up to 0.4 mm)



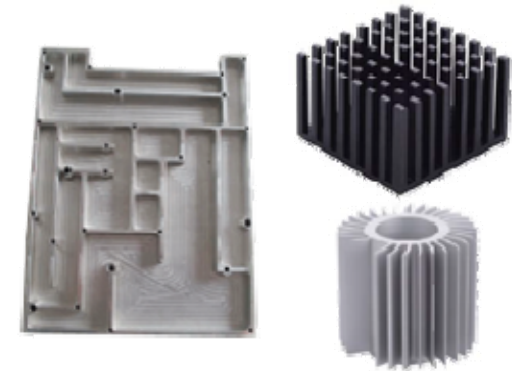
Vapor chamber
(up to 0.6mm)



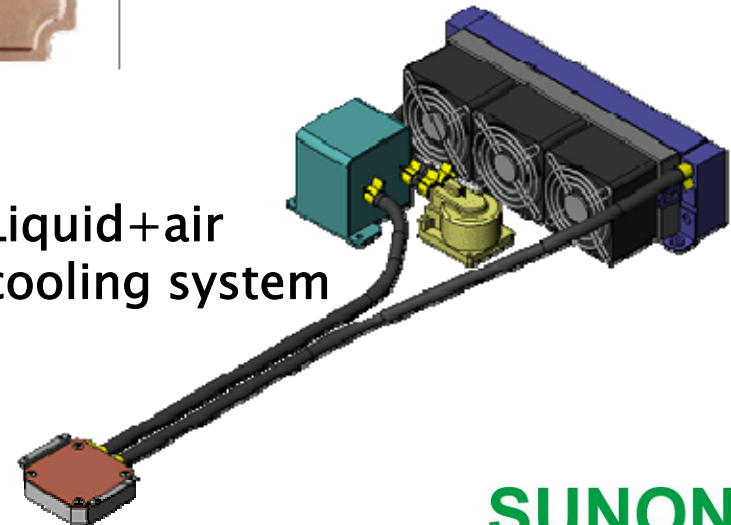
Liquid cooling



Metal Processing
(Stamping / Aluminum Extrusion
/ Die Casting)



Liquid+air
cooling system



Ventilation

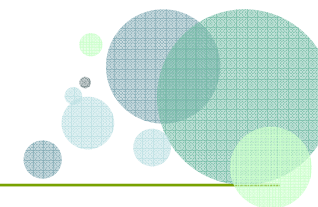
Eco ventilation solution



Ventilation Fan



World Leading Motor Technology

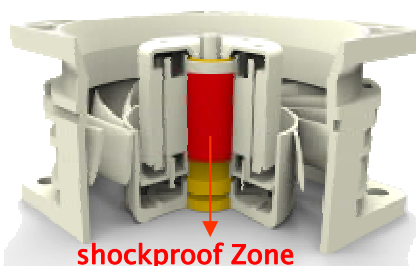


MagLev System



The MagLev Motor Fan's rotation is fully exerted by Sunon's patented 360° MagLev Orbit, which prevents it from slamming and swaying. No friction or noise can occur, resulting in an extremely long lifespan for the fan.

Shockproof System



SUNON's Fan and Motors are designed with the anti-vibration principles of automotive engine engineering, an anti-vibrational area blocks the magnetic and rotor vibration transmitted to the frame and system, achieving comprehensive anti-vibration.

Energy Efficient



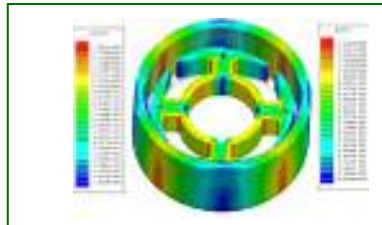
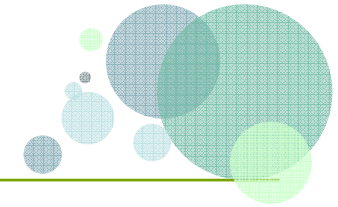
SUNON's HVAC EC motor is a high performance 3 phase permanent magnet motor with brushless structure. With its outstanding electrical commutated technology, the efficiency is much higher than conventional motors under heavy loading.

Sound Quality Analysis

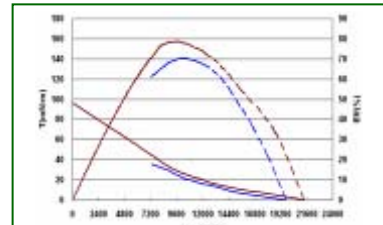


SUNON's sound quality analysis focuses not only on db(A) but also on the psychoacoustic analysis to ensure the fan's sound quality.

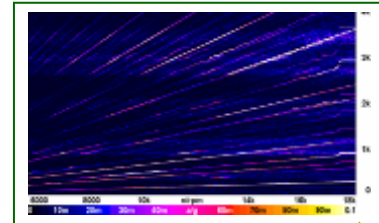
Outstanding Technology



MAGNETIZATION
SIMULATION ANALYSIS



MOTOR EFFICIENCY
ANALYSIS



VIBRATION FREQUENCY
SPECTRUM ANALYSIS



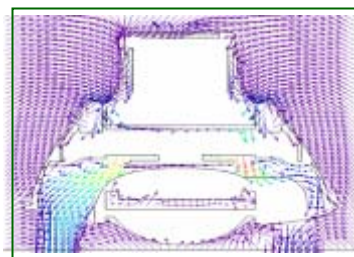
MATERIAL ANALYSIS AND
RESEARCH

Total motor, thermal, ventilation solution

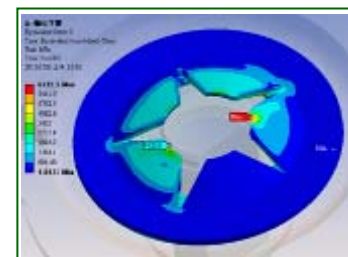
SOUND QUALITY
ANALYSIS



THERMAL ANALYSIS



STRUCTURAL SIMULATION
ANALYSIS



HIGH VOLTAGE DIRECT
CURRENT(DC)
ELECTRICITY

